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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	Not Yet Assigned 10/706242
		Filing Date	Concurrently Herewith
		First Named Inventor	Satoshi Shinada, et al.
		Art Unit	Not Yet Assigned 2861
		Examiner Name	Not Yet Assigned K. FEGGINS
Sheet 1 of 1	Attorney Docket Number	448563/0236	

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
KF	1	US- 2002/0109760-A1	08/15/2002	Miyazawa, et al.	
KF	2	US- 5,653,251	08/05/1997	Handler	
KF	3	US- 4,971,527	11/20/1990	Dick	
KF	4	US- 4,602,662	07/29/1986	Eremity, et al.	
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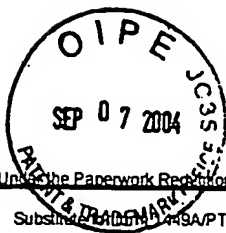
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number * Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
KF	1	WO-00/03877-A1	01/27/2000	Seiko Epson Corp.		
KF	2	EP-1 199 178-A1	04/24/2002	Seiko Epson Corp.		
KF	3	JP-8-174860-A	07/09/1996	Seiko Epson Corp.	(English Abst.)	
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KF	5	EP-1 258 358-A1	11-20-2002	Seiko Epson Corp.		

Examiner Signature	<i>K. FEGGINS</i>	Date Considered	7/05
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PTO/SB/08a (08-03)
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Substantive Examination 1499A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

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of

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Complete if Known

Application Number	10/706,242
Filing Date	November 11, 2003
First Named Inventor	Satoshi Shinada, et al.
Art Unit	2853-2861
Examiner Name	Not Yet Known K. FEGGINS
Attorney Docket Number	448563/0236

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
KE	—	US- 5,736,992	04-07-1998	Pawlowski, Jr.	—
KE	—	US- 5,737,001	04-07-1998	Taylor	—
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FOREIGN PATENT DOCUMENTS

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
KE	—	GB-2 331 488-A	05-26-1999	NFW Wilmann Elek. GmbH	Engl. Orig.	—
KE	—	EP-1 016 533-A1	07-05-2000	Seiko Epson Corp.	Engl. Orig.	—
KE	—	EP-1 199 178-A1	04-24-2002	Seiko Epson Corp.	Engl. Orig.	—

Examiner
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Considered

2/05

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